

IN THE CLAIMS

1. (currently amended) A data distributing apparatus system comprising:

one or more user machines, each user machine having:

a first identification storing unit in which first identification data that is unique to an equipment and second identification data corresponding to said first identification data has been stored, wherein said first identification storing unit is formed in a single integrated circuit;

a first transmitting/receiving unit for transmitting distributing request data together with said first identification data read out from said first storing unit and for receiving transmitted data;

a first data storing unit for storing the data received by said first transmitting/receiving unit;

a first signal processing unit for performing a decoding process to the data read out from said first data storing unit based on said second identification data stored in said first identification storing unit, wherein said first signal processing unit is formed in said single integrated circuit; and

a first control unit for performing an operation to allow the data received by said first transmitting/receiving unit to be stored into said first data storing unit and controlling the decoding process of the data read out from said first data storing unit by said first signal processing unit; and,

a contents server having:

a second transmitting/receiving unit for receiving said first identification data and said distribution request data transmitted from said first transmitting/receiving unit and for transmitting ~~the~~ data;

a second data storing unit in which a plurality of data is stored and which outputs data corresponding to said distribution request data;

an identification database storing unit which stores an identification database indicating a relationship between a plurality of first identification data and a plurality of second identification data;

a second signal processing unit for performing an enciphering process to the data outputted from said second data storing unit based on second identification data read out from said identification database corresponding to said first identification data transmitted from said first transmitting/receiving unit; and

a second control unit for performing a reading control of said second identification data from said identification database storing unit based on said distribution request data and said first identification data which were transmitted and performing a reading control of the data from said second data storing unit based on said distribution request data,

wherein the data enciphered on the basis of said second identification data is transmittable by way of transmitted through said second transmitting/receiving unit to said first transmitting/receiving unit of the respective user machine and is decodable by said first signal processing unit, and

wherein said first signal identification storing unit and said first signal processing unit are formed in said single integrated circuit, and

wherein the second identification data is not transmitted between the respective user machine and the contents server or between the contents server and the respective user machine.

2. (previously presented) The data distributing apparatus according to claim 1, wherein accounting information is transmitted from said first transmitting/receiving unit to said second transmitting/receiving unit, and said second control unit controls the reading operation of said second identification data from said identification database storing unit based on said transmitting accounting information.

3. (previously presented) The data distributing apparatus according to claim 1, further comprising means for performing an enciphering process to the data which is written into said second data storing unit based on enciphering data, and wherein the data enciphered by said means for performing an enciphering process is written into said second data storing unit, and when the data is read out from said second data storing unit based on said distribution request data and transmitted from said second transmitting/receiving unit to said first transmitting/receiving unit, said enciphering data is enciphered by said second identification data and said second signal processing unit and transmitted together with the data read out from said second data storing unit.

4. (previously presented) The data distributing apparatus according to claim 3, wherein said first signal processing unit decodes the data transmitted from said second transmitting/receiving unit and said enciphering data by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the decoded enciphering data.

5. (previously presented) The data distributing apparatus according to claim 3, wherein said first control unit performs an accounting process based on said enciphering data.

6. (previously presented) The data distributing apparatus according to claim 4, wherein said enciphering data has a data portion which dynamically changes and said first control unit discriminates said dynamically changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted with the data from said second transmitting/receiving unit.

7. (previously presented) The data distributing apparatus according to claim 6, wherein said first control unit controls the reading operation of the data stored in said first data storing unit based on a discrimination result of said dynamically changing data portion.

8. (previously presented) The data distributing apparatus according to claim 7, wherein said first control unit inhibits the reading operation of the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

9. (previously presented) The data distributing apparatus according to claim 4, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time-dependently changing data portion at every predetermined time in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

10. (previously presented) The data distributing apparatus according to claim 9, wherein said first control unit controls the reading operation of data stored in said first data storing unit based on a discrimination result of said time-dependently changing data portion.

11. (previously presented) The data distributing apparatus according to claim 10, wherein said first control unit inhibits the reading operation of data from said first data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

12. (previously presented) The data distributing apparatus according to claim 4, further comprising a signal processing unit for further performing an enciphering process to the data decoded by said first signal processing unit based on the first identification data of a destination to which the data is to be moved when the data stored in said first data storing unit is moved.

13. (previously presented) The data distributing apparatus according to claim 12, wherein said first control unit deletes said enciphering data stored in said first data storing unit at a point when the movement of the data stored in said first data storing unit is finished.

14. (currently amended) A data distributing apparatus comprising:

at least one terminal equipment section having a first identification storing unit in which first identification data is unique to said terminal equipment and second identification

data have been stored, wherein said first identification storing unit is formed in a single integrated circuit, a first transmitting/receiving unit for transmitting distribution request data together with said first identification data read out from said first identification storing unit and receiving the transmitted data, a first data storing unit for storing the data received by said first transmitting/receiving unit, a first signal processing unit for performing a decoding process to the data read out from said first data storing unit based on said second identification data stored in said first identification storing unit, wherein said first signal processing unit is formed in said single integrated circuit, a first control unit for performing an operation to allow the data received by said first transmitting/receiving unit to be stored into said first data storing unit and controlling the decoding processing operation by said first signal processing unit of the data read out from said first data storing unit; and

a server apparatus section having a second transmitting/receiving unit, connected to said terminal equipment section through a transmission path, for receiving said first identification data and said distribution request data which were transmitted from said first transmitting/receiving unit and transmitting the data, a second data storing unit in which a plurality of data is stored and which outputs data corresponding to said distribution request data, an identification database storing unit in which an identification database indicating a relationship between a plurality of first identification data and a plurality of second identification data are stored, a second signal processing unit for performing an enciphering process to the data outputted from said second data storing unit based on the second identification data read out from said identification database storing unit corresponding to said first identification data transmitted from

said first transmitting/receiving unit, and a second control unit for performing a reading control of said second identification data from said identification database storing unit based on said distribution request data and said first identification data which were transmitted and performing a reading control of the data from said second data storing unit based on said distribution request data,

wherein the data enciphered based on said second identification data is transmittable by way of transmitted through said second transmitting/receiving unit to said first transmitting/receiving unit of the respective terminal equipment section and is decodable decoded by said first signal processing unit, and

wherein said first identification storing unit and said first signal processing unit are formed in said single integrated circuit, and

wherein the second identification data is not transmitted between the respective terminal equipment section and the server apparatus or between the server apparatus and the respective terminal equipment section.

15. (previously presented) The data distributing apparatus according to claim 14, wherein accounting information is transmitted from said first transmitting/receiving unit, and said second control unit controls the reading operation of said second identification data from said identification database storing unit base on said transmitted accounting information.

16. (previously presented) The data distributing apparatus according to claim 14, further comprising means for performing an enciphering process to the data which is written into said second data storing unit based on said enciphering data, and wherein the data enciphered by said means for

performing an enciphering process is written into said second data storing unit, and when the data is read out from said second data storing unit based on said distribution request data and transmitted from said second transmitting/receiving unit to said first transmitting/receiving unit, said enciphering data is enciphered by said second identification data by said second signal processing unit and transmitted together with the data read out from said second data storing unit.

17. (previously presented) The data distributing apparatus according to claim 16, wherein said first signal processing unit decodes the data transmitting/receiving unit and said enciphering data by said second identification data stored in said first identification storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded based on the decoded enciphering data.

18. (previously presented) The data distributing apparatus according to claim 16, wherein said first control unit performs and accounting process based on said enciphering data.

19. (previously presented) The data distributing apparatus according to claim 16, wherein said enciphering data has a data portion which dynamically changes, and said first control unit discriminates said dynamically changing data portion, at every predetermined time, in said enciphering data stored in said first storing unit and transmitted together with the data from said second transmitting/receiving unit.

20. (previously presented) The data distributing apparatus according to claim 19, wherein said first control unit controls the reading operation of the data stored in said first

data storing unit based on a discrimination result of said dynamically changing data portion.

21. (previously presented) The data distributing apparatus according to claim 20, wherein said first control unit inhibits the reading operation of the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

22. (previously presented) The data distributing apparatus according to claim 16, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time dependently changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

23. (previously presented) The data distributing apparatus according to claim 22, wherein said first control unit controls the reading operation of the data stored in said first data storing unit based on a discrimination result of said first control unit on said time-dependently changing data portion.

24. (previously presented) The data distributing apparatus according to claim 23, wherein said first control unit inhibits the reading operation of the data from said first data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

25. (previously presented) The data distributing apparatus according to claim 16, further comprising a signal processing unit for performing a further enciphering process to the data decoded by said first signal processing unit based on the first identification data of another terminal equipment section of a destination to which the data is to be moved when the data stored in said first data storing unit is moved to said another terminal equipment section.

26. (previously presented) The data distributing apparatus according to claim 25, wherein said first control unit deletes said enciphering data stored in said first data storing unit at a point when the movement of the data stored in said first data storing unit is finished.

27. (currently amended) A terminal apparatus for data distribution between a server and the apparatus, comprising:

an identification storing unit in which first identification data unique to an apparatus and second identification data corresponding to said first identification data have been stored, wherein said first identification storing unit is formed in a single integrated circuit;

a data transmitting/receiving unit for transmitting distribution request data together with said first identification data read out from said identification storing unit and for receiving data which was enciphering enciphered by said second identification data and transmitted by said server;

a data storing unit for storing the data which was enciphered based on said second identification data and received by said data transmitting/receiving unit;

a signal processing unit for performing a decoding process to the data read out from said data storing unit based

on said second identification data stored in said identification storing unit, wherein said signal processing unit is formed in said single integrated circuit; and

a control unit for performing the operation to store the data received by said data transmitting/receiving unit into said data storing unit and controlling the decoding processing operation by said signal processing unit of the data read out from said identification data storing unit,

wherein said first identification storing unit and said first signal processing unit are formed in said single integrated circuit,

wherein the data is enciphered at the server by said second identification data retrieved from an identification database indicating a relationship between a plurality of first identification data and a plurality of second identification data, by referring to said first identification data which are transmitted through said data transmitting/receiving unit, and

wherein the second identification data is not transmitted between the terminal apparatus and the server or between the server and the terminal apparatus.

28. (previously presented) The terminal apparatus according for data distribution according to claim 27, wherein the data received by said data transmitting/receiving unit and enciphering data serving as a source of encipherment performed to said data have been stored in said data storing unit, and said signal processing unit decodes the data read out from said data storing unit by said second identification data stored in said identification storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded based on the decoded enciphering data.

29. (previously presented) The terminal apparatus for data distribution according to claim 28, wherein said control unit performs an accounting process based on said enciphering data.

30. (previously presented) The terminal apparatus for data distribution according to claim 28, wherein said enciphering data has a data portion which dynamically changing data portion, at every predetermined time, in said enciphering data stored in said data storing unit together with the data.

31. (previously presented) The terminal apparatus for data distribution according to claim 30, wherein said control unit controls the reading operation of the data stored in said data storing unit based on a discrimination result of said dynamically changing data portion.

32. (previously presented) The terminal apparatus for data distribution according to claim 31, wherein said control unit inhibits the reading operation of the data from said data storing unit when the discrimination result of said control unit on said dynamically changing data portion indicates that said enciphering data is not correct.

33. (previously presented) The terminal apparatus for data distribution according to claim 28, wherein said enciphering data has a data portion which time-dependently changes and said control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said data storing unit together with the data.

34. (previously presented) The terminal apparatus for data distribution according to claim 30, wherein said control unit controls the reading operation of the data stored in said data storing unit based on a discrimination result of said time-dependently changing data portion.

35. (previously presented) The terminal apparatus for data distribution according to claim 21, wherein said control unit inhibits the reading operation of the data from said data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

36. (previously presented) The terminal apparatus for data distribution according to claim 28, further comprising a signal processing unit for performing a further enciphering process to the data decoded by said signal processing unit based on the first identification data of a destination to which the data is moved when the data stored in said data storing unit is moved.

37. (previously presented) The terminal apparatus for data distribution according to claim 36, wherein said control unit deletes said enciphering data stored on said data storing unit at a point when the movement of the data stored in said data storing unit is finished.